# Hour of Code: Coding @Your Library

Daniel Cornwall, Alaska State Library





Claudia Haines, Homer Public Library

# Agenda

- Hour of Code Overview Daniel
- Hour of Code at Homer Public Library Claudia
- Tools for Hour of Code Claudia
- Q&A Claudia and Daniel

### Hour of Code: What is It?

- An educational event in December focusing on computer programming for ages 4-104.
  - Why December? Admiral Grace Hopper
- A set of tutorials at http://code.org/learn
- Something that can be done any time
- Maybe a bridge builder to teachers, students and community



James S. Davis - U.S. Naval Historical Center Online Library Photograph NH 96919-KN (jpg)



#### **Tutorials for Beginners**



#### **Tutorials that teach JavaScript**



#### No device or internet? Try 'unplugged' computer science



#### **Tutorials for Beginners**



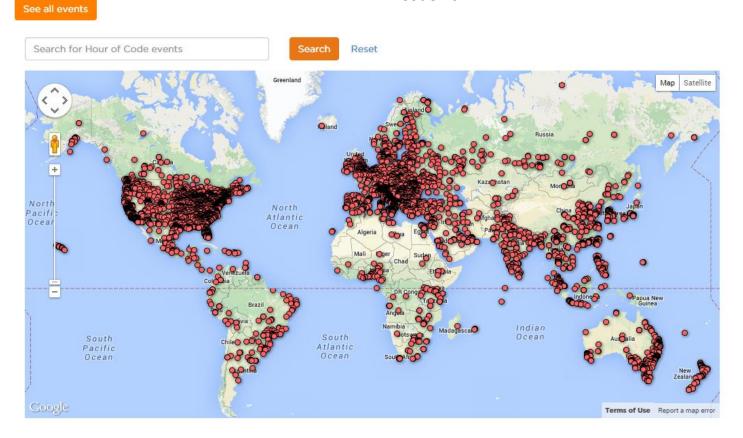
#### **Tutorials that teach JavaScript**



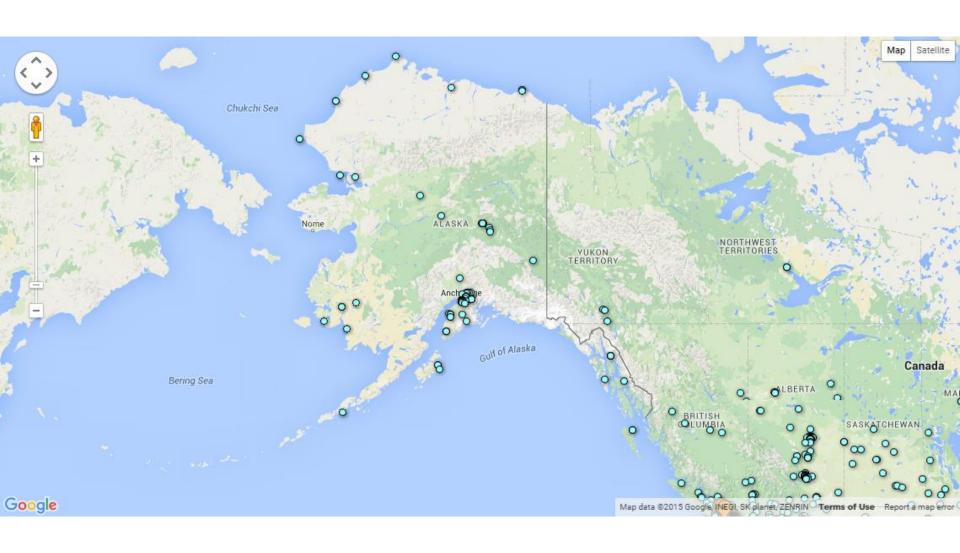
# Hour of Code: How Big is It?

77,461 Hour of Code events around the world

15,000,000 people took part in Hour of Code 2014.



# Hour of Code: How Big is It in Alaska?



## Hour of Code: Who's Behind It?





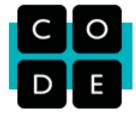




































# at the Homer Public Library





#### Media Mentorship in Libraries

## Serving Youth







Adopted by the ALSC Board of Directors on March 11, 2015



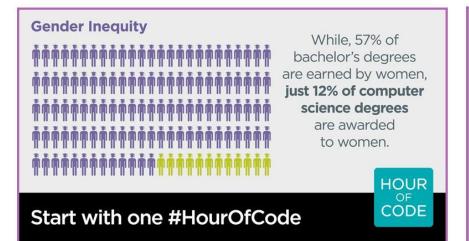
Written for the Association for Library Service to Children by Cen Campbell, Claudia Haines, Amy Koester, and Dorothy Stoltz You're Invited to...

# Made w/Code:



# An Intro to < Coding/> for Girls

Learn how to make your own story, game or digital tool by creating code with easy to use drag and drop code blocks



#### Saturday, December 13th 3-5pm

**Homer Public Library** 

Refreshments provided For ages 8-12, FREE

Moms, Grandmothers, Aunts, & Big Sisters welcome! Come code with the girls!





# Coding Unplugged: P, B & J

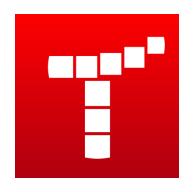


# Coding Tools We Used











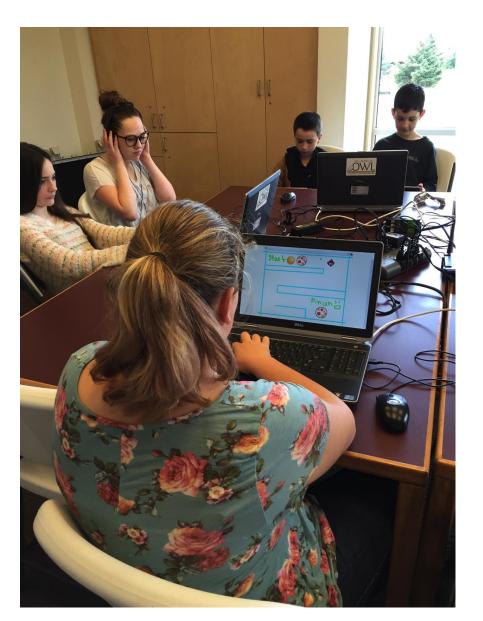


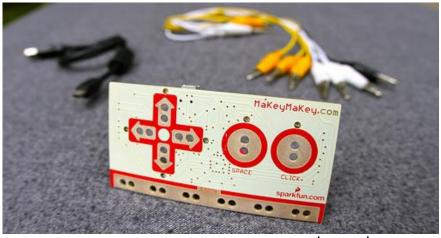


## 2015 Hour of Code

# The Maker Club #hplmakers

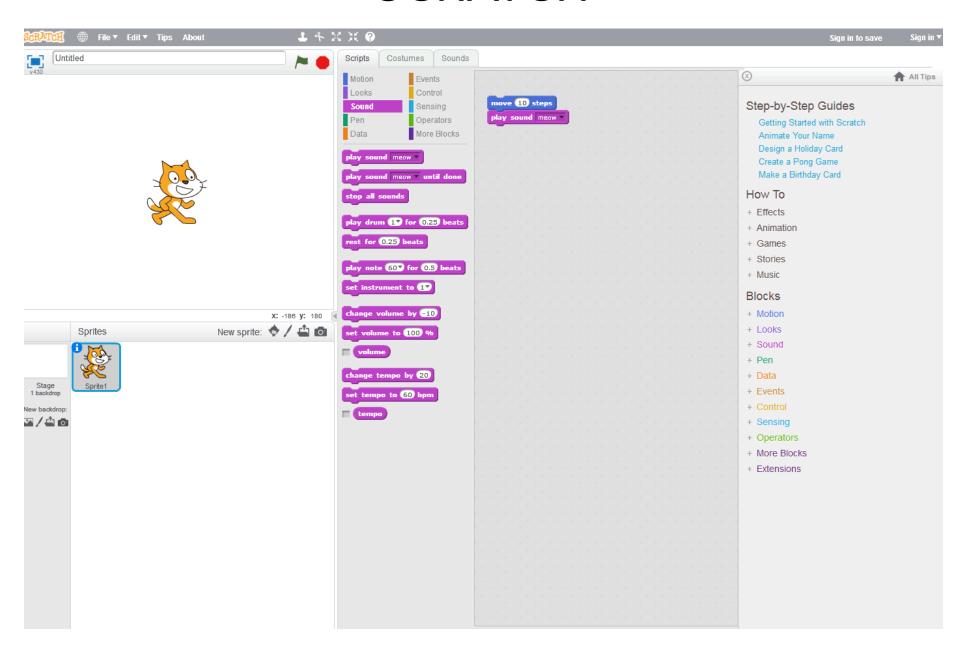
# SCRATCH & Makey Makey





makeymakey.com

### **SCRATCH**



# Resources for Librarians and Educators:

Hour of Code
ScratchEd
Code Academy
Khan Academy